

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Sir:

Transmitted herewith for filing is the patent application of

Inventors: EDWARD R. BEADLE, JOHN F. DISHMAN

Title: SYSTEM AND METHOD FOR AN IN-SERVICE DECISION-DIRECTED
SIGNAL TO NOISE RATIO ESTIMATOR

Enclosed are:

- ☒ [X] A Cover Sheet, an Abstract, Nineteen (19) pages of specification and Claims 1-23.
- ☒ [X] One (1) sheet of Informal drawings showing Figure 1.
- ☐ [] A Combined Declaration and Power of Attorney.
- ☒ [X] A check in the amount of \$1,130.00 to cover the filing fee as calculated below:

NUMBER OF CLAIMS				NUMBER EXTRA		LARGE/SMALL ENTITY		FEE
TOTAL	23	- 20	=	3	x	\$18 or \$9	=	\$ 54.00
INDEP.	7	- 3	=	4	x	\$84 or \$42	=	\$336.00
MULTIPLE DEPEND.	[] Yes					\$270 or \$135=\$		
(\$740 or \$370)						BASIC FILING FEE =\$740.00		
						TOTAL FILING FEES =\$1,130.00		

The Commissioner is hereby authorized to charge payment of any additional fees associated with this payment or to credit any overpayment to Deposit Account No. 18-1835.

A duplicate of this sheet is enclosed.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Mark C. Comtois", with a horizontal line drawn underneath it.

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